

## ABSTRACT OF THE DISCLOSURE

In the communication system, the filtering is realized at times of transmission and reception, by a  
5 server which attaches an identifier indicating an  
anycast address to a source address of a response  
packet, a communication device which detects the  
identifier indicating an anycast address in the  
response packet and verifies the response packet, when  
10 the source address is different from the destination  
address, and a boundary router which detects the  
identifier in the packet and verifies that the response  
packet is a response transmitted from the server,  
according to information regarding servers that is  
15 stored in advance.

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